

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095810.D
 Acq On : 9 Jun 2017 6:22
 Operator : SJ/MA
 Sample : I3496-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 09 07:27:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

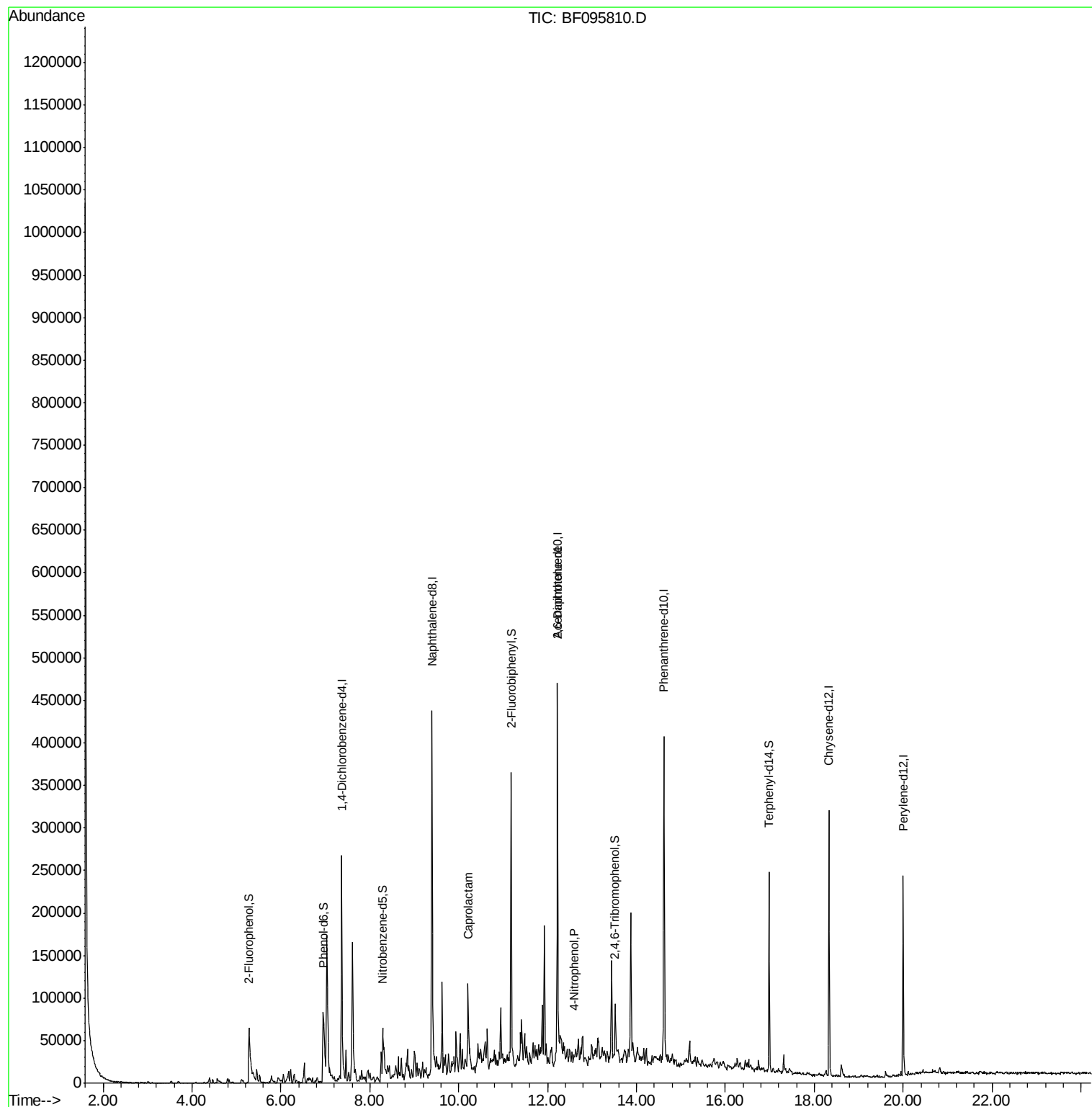
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	67737	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	279745	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	115439	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	180998	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	136182	20.00	ng	-0.02
86) Perylene-d12	20.00	264	107181	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	77884	18.32	ng	0.00
7) Phenol-d6	6.95	99	98488	19.35	ng	-0.01
23) Nitrobenzene-d5	8.29	82	52648	11.69	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	15311	14.99	ng	-0.03
44) 2-Fluorobiphenyl	11.17	172	127991	15.43	ng	-0.04
78) Terphenyl-d14	16.99	244	83197	15.16	ng	-0.03
Target Compounds						
35) Caprolactam	10.22	113	3621	3.23	ng	# 76
50) 2,6-Dinitrotoluene	12.22	165	14645	7.66	ng	# 31
55) 4-Nitrophenol	12.60	139	529	5.01	ng	# 14

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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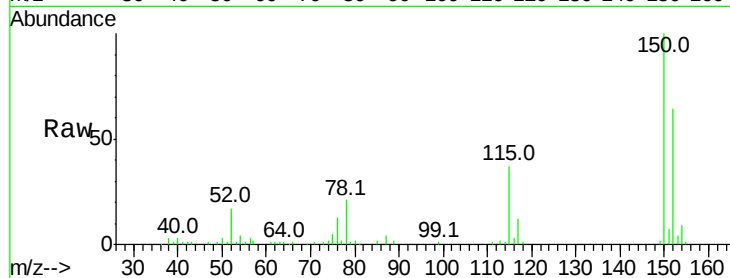


#1

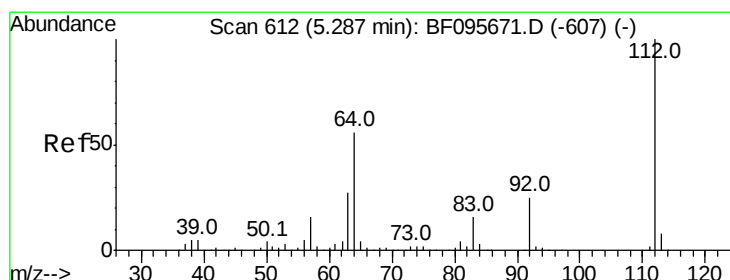
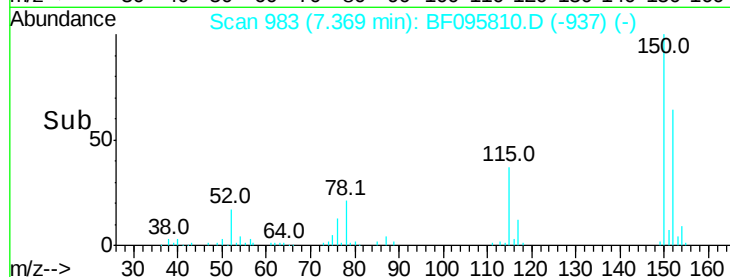
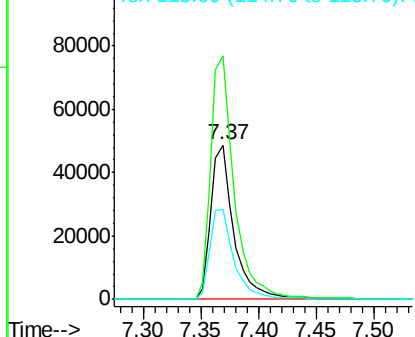
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67737
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 58.2 52.2 78.2



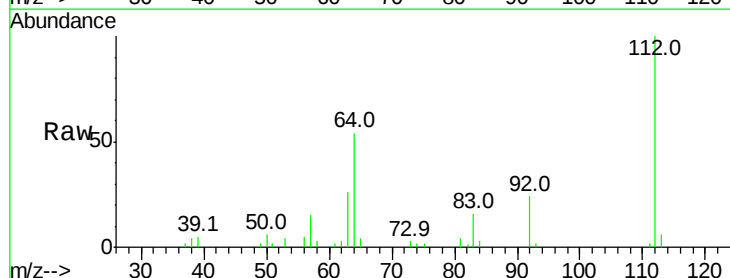
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



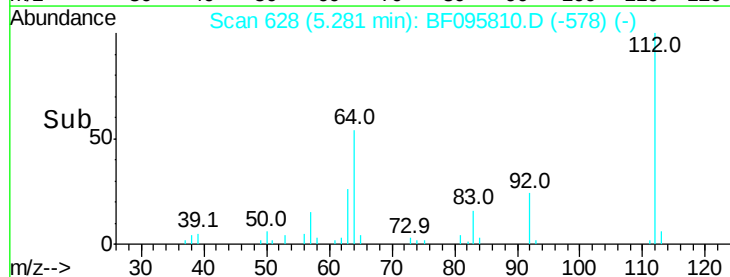
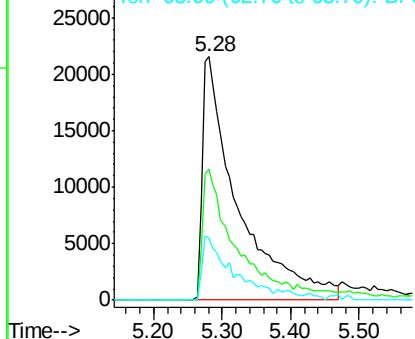
#5

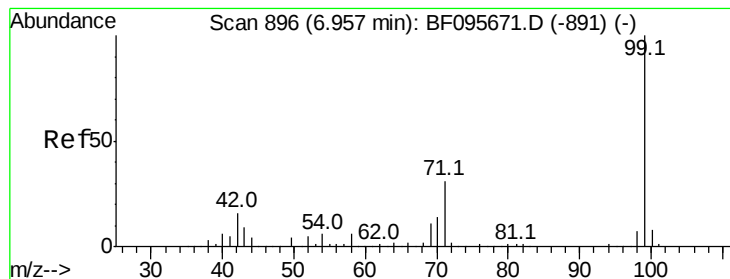
2-Fluorophenol
Concen: 18.32 ng
RT: 5.28 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Tgt Ion:112 Resp: 77884
Ion Ratio Lower Upper
112 100
64 53.9 46.0 69.0
63 25.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.35 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095810.D

Acq: 9 Jun 2017 6:22

Instrument :

BNA_F

ClientSampleId :

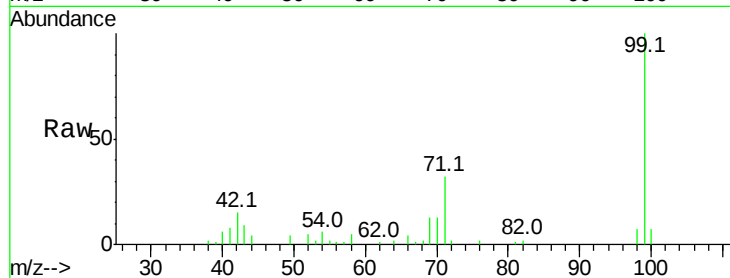
Tot Ion: 99 Resp: 98488

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

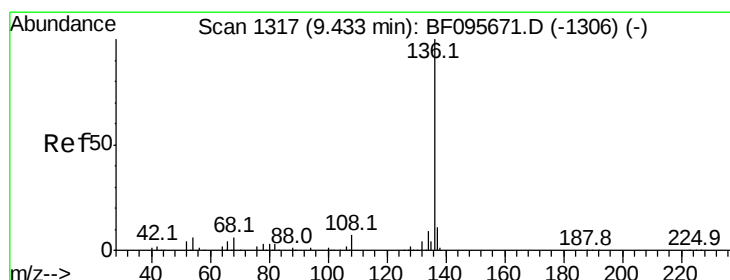
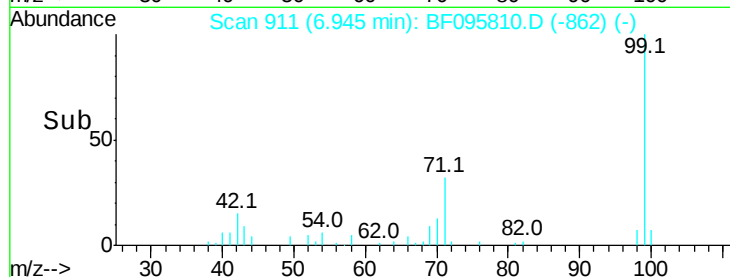
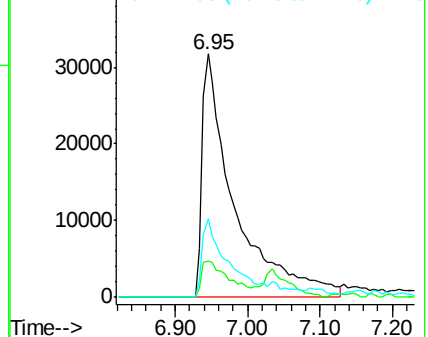
71 32.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095810.D

Acq: 9 Jun 2017 6:22

Tgt Ion: 136 Resp: 279745

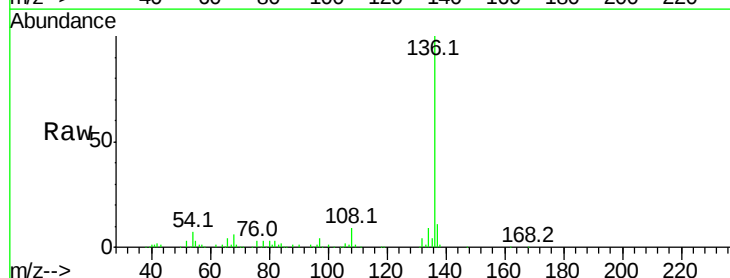
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.7 4.9 7.3

68 5.7 4.1 6.1

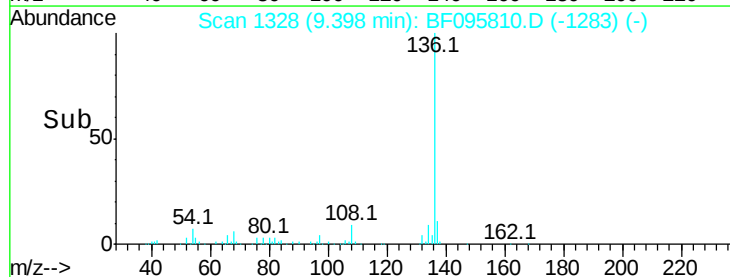
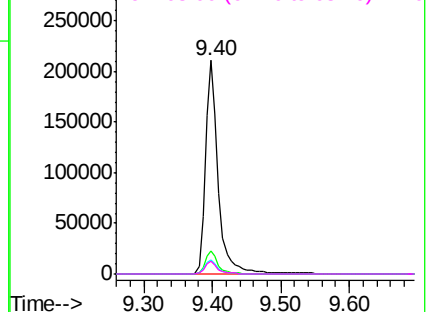


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

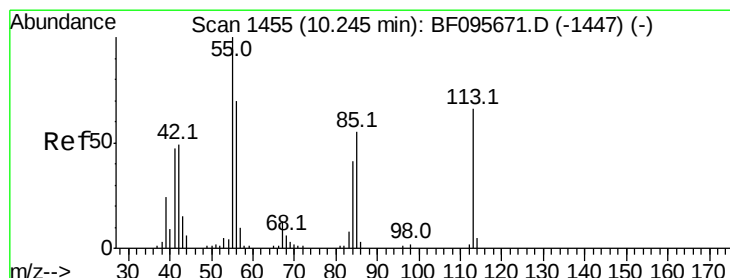
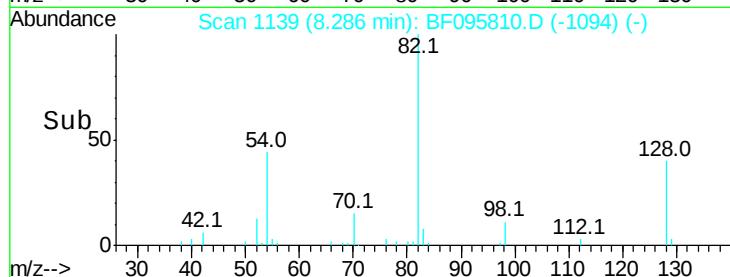
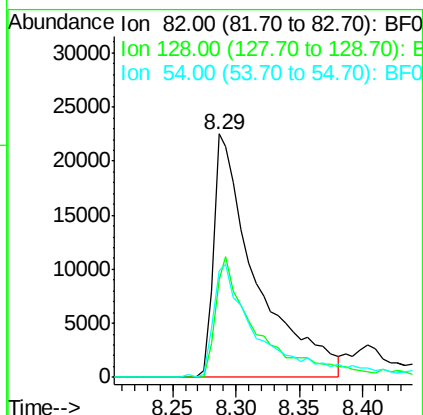
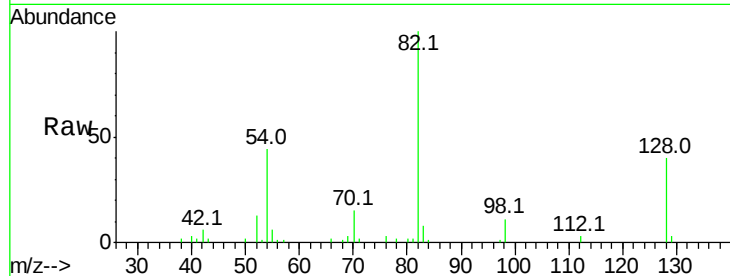




#23
 Nitrobenzene-d5
 Concen: 11.69 ng
 RT: 8.29 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF095810.D
 Acq: 9 Jun 2017 6:22

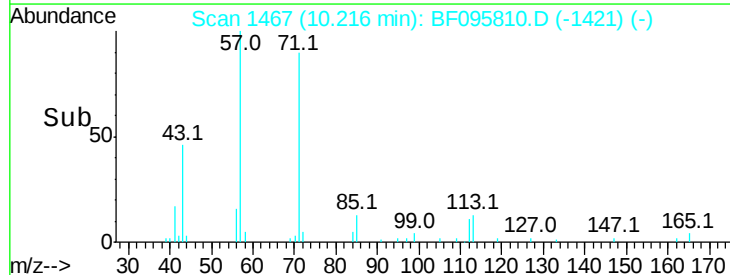
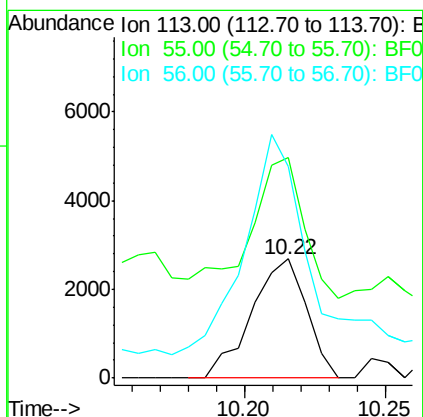
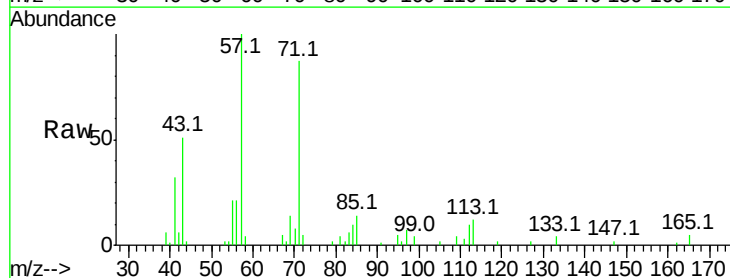
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 52648
 Ion Ratio Lower Upper
 82 100
 128 40.2 34.0 51.0
 54 43.8 42.2 63.2



#35
 Caprolactam
 Concen: 3.23 ng
 RT: 10.22 min Scan# 1467
 Delta R.T. -0.03 min
 Lab File: BF095810.D
 Acq: 9 Jun 2017 6:22

Tgt Ion: 113 Resp: 3621
 Ion Ratio Lower Upper
 113 100
 55 184.5 150.2 190.2
 56 177.5 107.8 147.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095810.D

Acq: 9 Jun 2017 6:22

Instrument :

BNA_F

ClientSampleId :

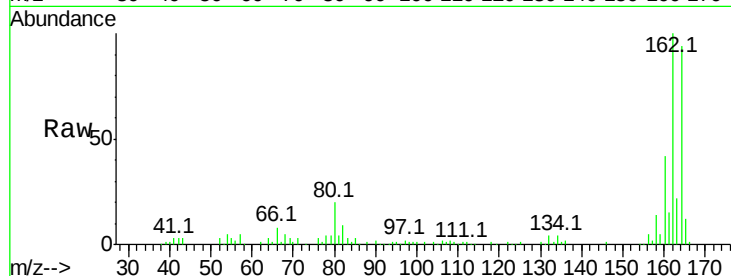
Tot Ion:164 Resp: 115439

Ion Ratio Lower Upper

164 100

162 106.9 82.6 123.8

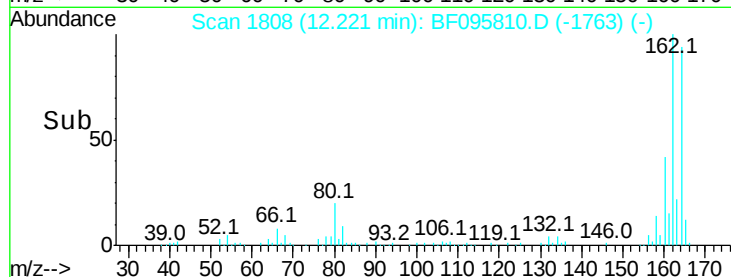
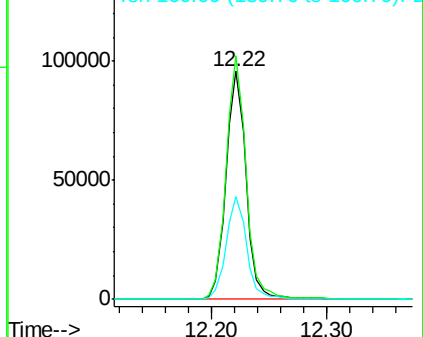
160 45.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 14.99 ng

RT: 13.52 min Scan# 2029

Delta R.T. -0.03 min

Lab File: BF095810.D

Acq: 9 Jun 2017 6:22

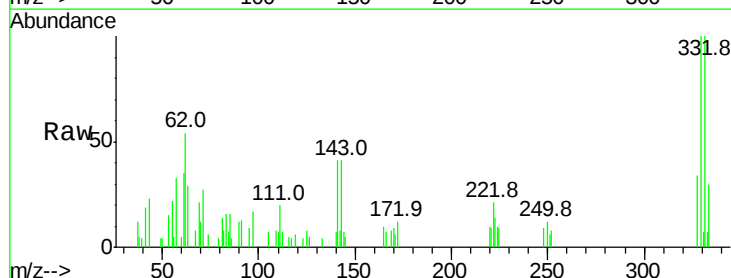
Tgt Ion:330 Resp: 15311

Ion Ratio Lower Upper

330 100

332 100.2 76.6 115.0

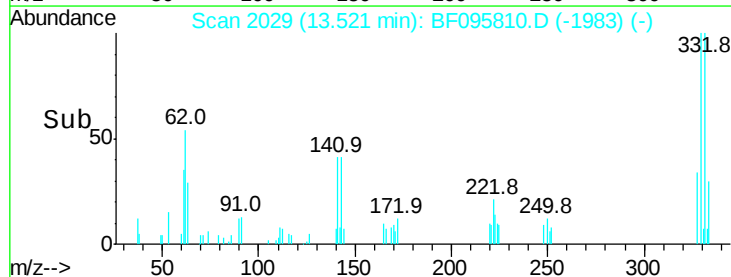
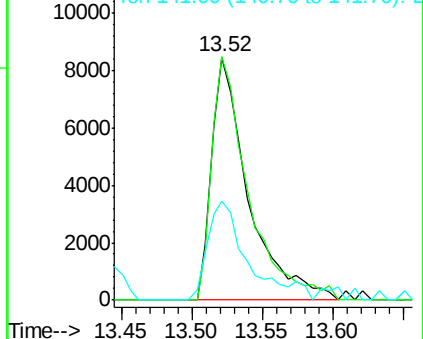
141 44.2 31.4 47.2

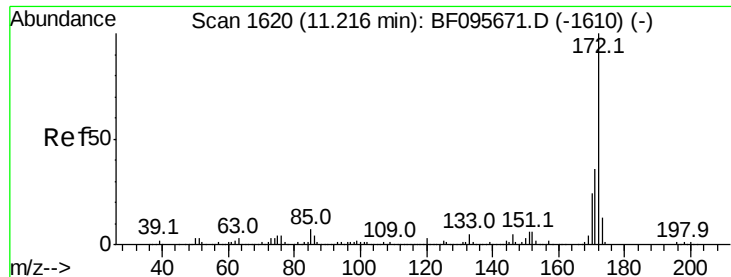


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

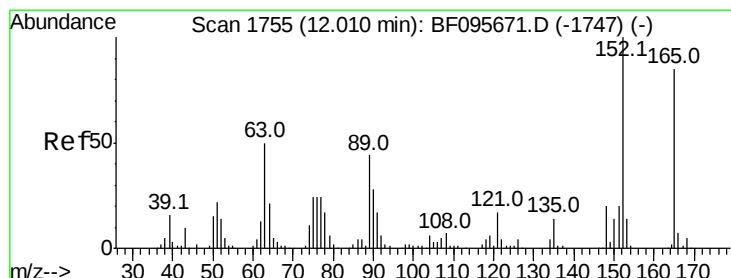
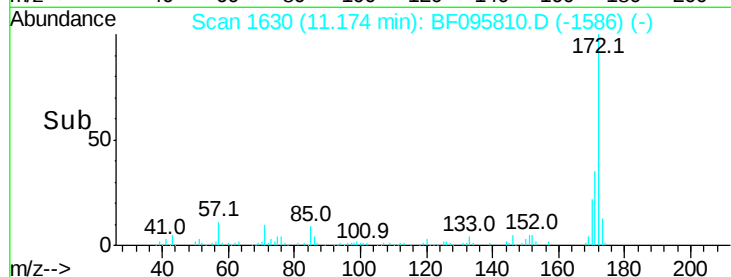
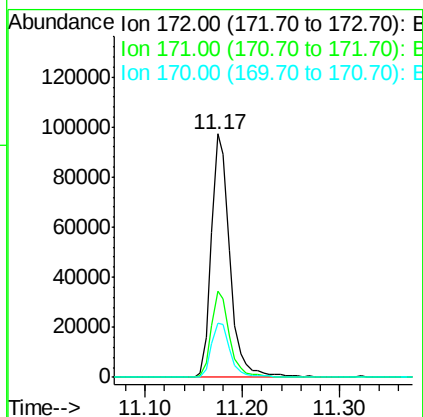
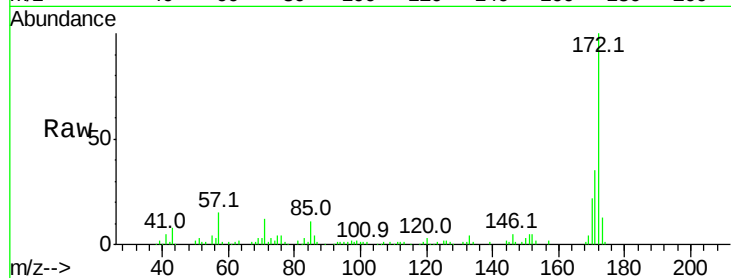




#44
2-Fluorobiphenyl
Concen: 15.43 ng
RT: 11.17 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

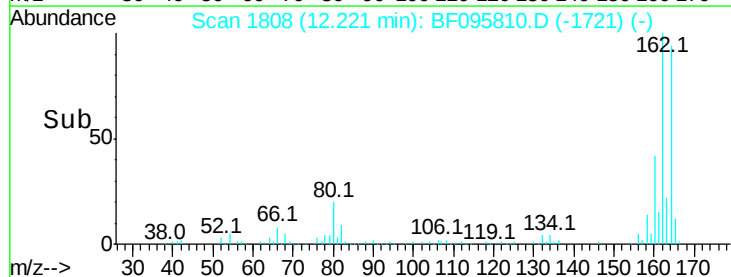
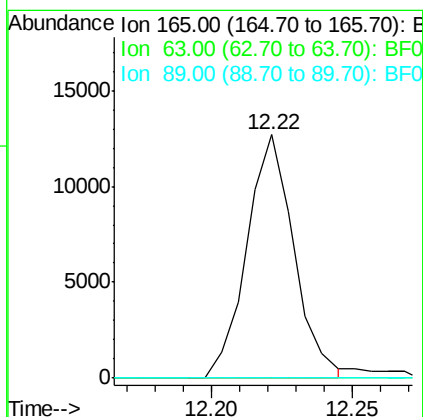
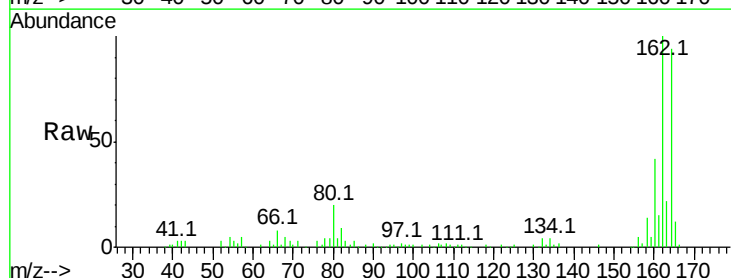
Instrument :
BNA_F
ClientSampleId :

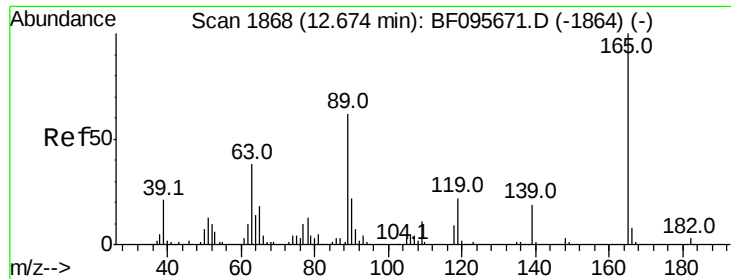
Tot Ion:172 Resp: 127991
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 22.3 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 12.22 min Scan# 1808
Delta R.T. 0.21 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Tgt Ion:165 Resp: 14645
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#





#55

4-Nitrophenol

Concen: 5.01 ng

RT: 12.60 min Scan# 1873

Delta R.T. -0.07 min

Lab File: BF095810.D

Acq: 9 Jun 2017 6:22

Instrument :

BNA_F

ClientSampled :

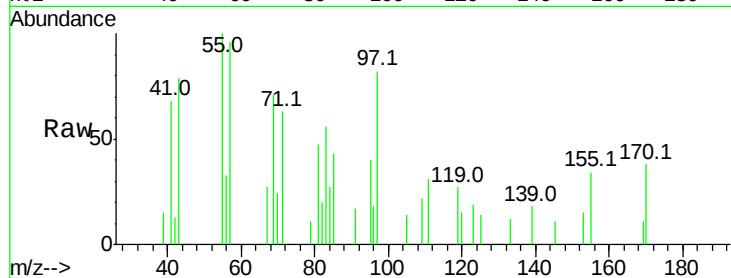
Tot Ion:139 Resp: 529

Ion Ratio Lower Upper

139 100

109 123.6 34.1 74.1#

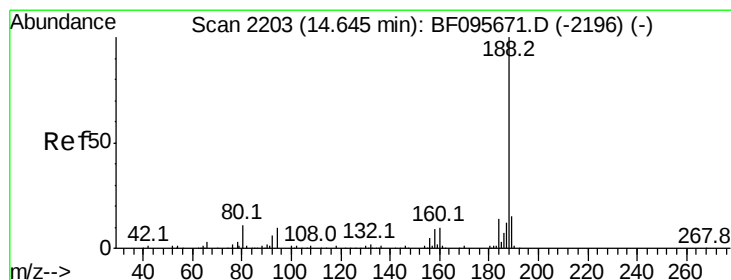
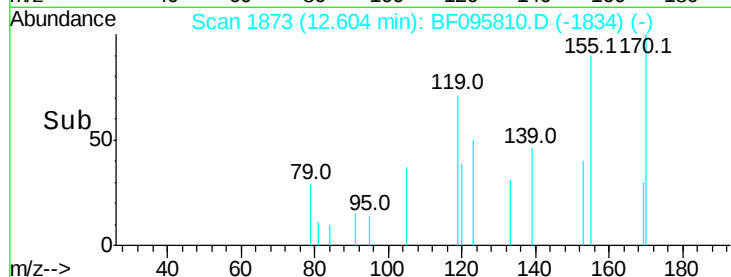
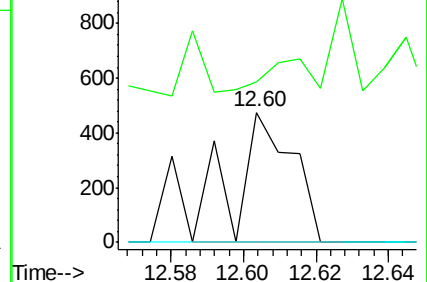
65 0.0 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2215

Delta R.T. -0.03 min

Lab File: BF095810.D

Acq: 9 Jun 2017 6:22

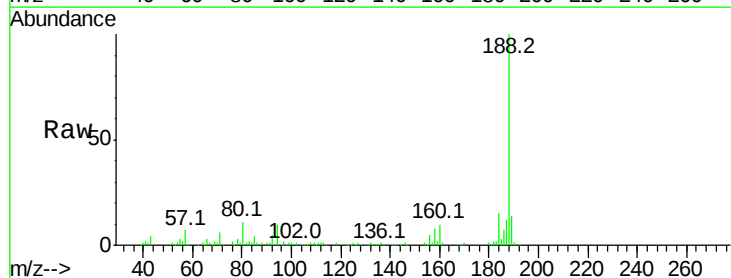
Tgt Ion:188 Resp: 180998

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

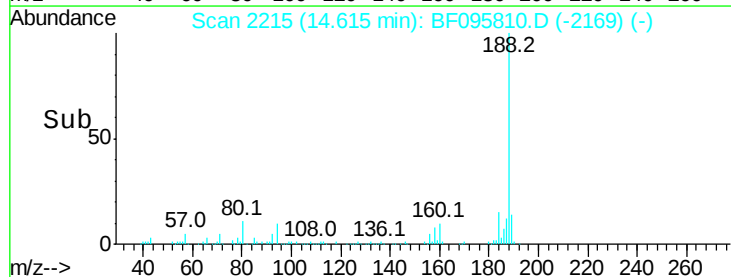
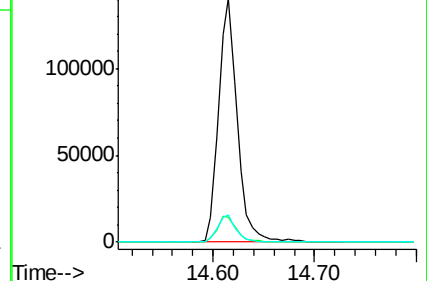
80 11.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095810.D

Acq: 9 Jun 2017 6:22

Instrument :

BNA_F

ClientSampleId :

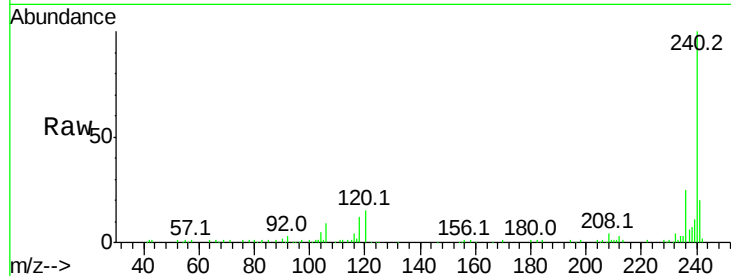
Tot Ion:240 Resp: 136182

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

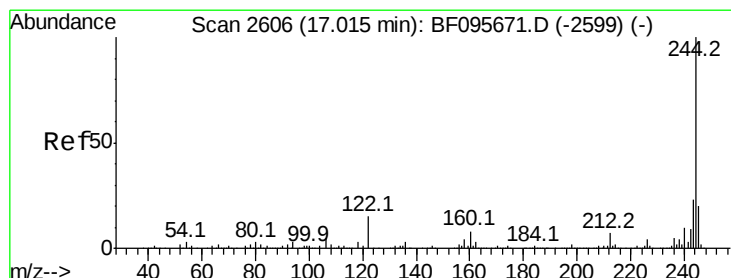
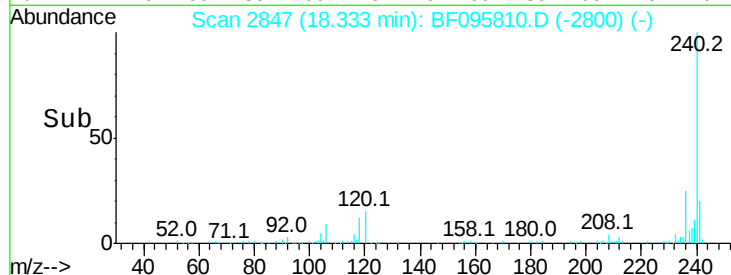
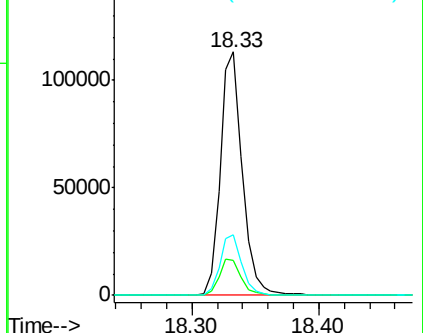
236 24.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 15.16 ng

RT: 16.99 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BF095810.D

Acq: 9 Jun 2017 6:22

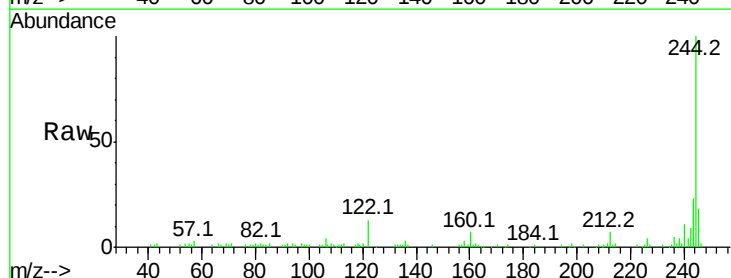
Tgt Ion:244 Resp: 83197

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

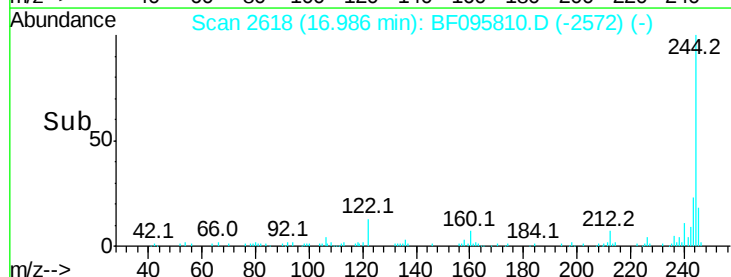
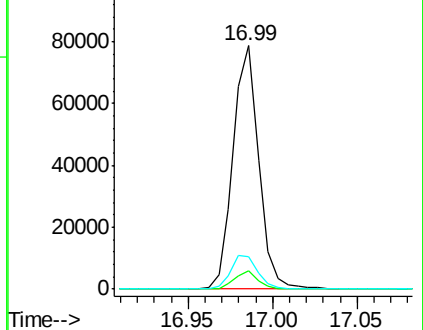
122 13.3 10.3 15.5

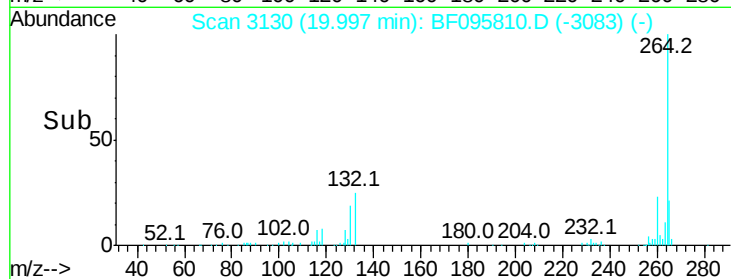
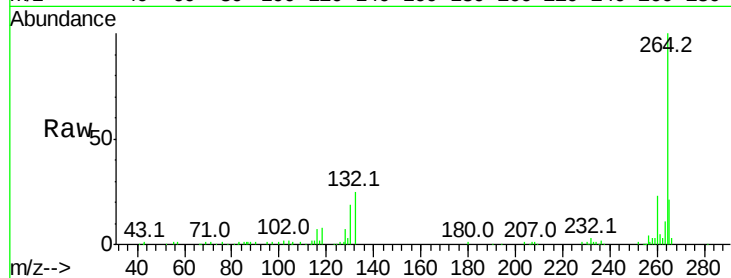
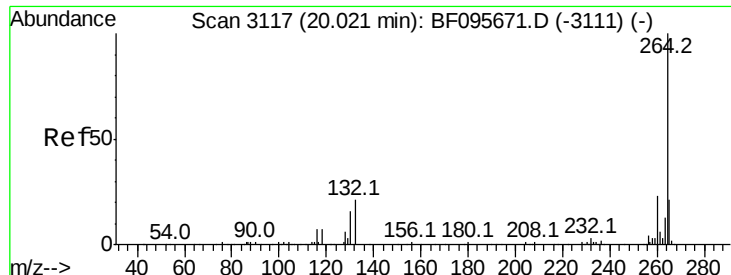


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 20.00 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BF095810.D

Acq: 9 Jun 2017 6:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 107181

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.1 17.2 25.8

